

What is claimed is:

1. A system for composing music data representative of a music composition according to composing data representative of a material of the music composition, the system comprising a plurality of information processing terminals and a control station for mutually connecting the plurality of the information processing terminals through the control station, wherein

each information processing terminal comprises a conversation section that can be operated to exchange messages with other information processing terminal, and an input section that can be operated to input the composing data while exchanging the messages with other information processing terminal, and wherein

the control station comprises a composing section that composes and edits the music data according to the composing data inputted by the plurality of the information processing terminals to thereby collaborate the plurality of the information processing terminals for creating the music composition.

2. The system according to claim 1, wherein the control station further comprises a control section that exclusively controls the inputting of the composing data among the plurality of the information processing terminals such that only one information processing terminal is allowed to input

the composing data at one time to avoid conflict of the composing data among the information processing terminals.

3. The system according to claim 1, wherein the control station further comprises a public storage section for storing the music data such as to make the music data available publicly.

4. The system according to claim 1, wherein the control station further comprises a feedback section that feeds back the edited music data to the plurality of the information processing terminals so that each information processing terminal can collaborate with other information processing terminal for creating the music composition by repetition of the transmitting of the composing data and the receiving of the music data.

5. The system according to claim 4, wherein each information processing terminal further comprises a downloading section that downloads a program from the control station so as to install an interface by the downloaded program for transmitting the composing data and receiving the music data.

6. The system according to claim 4, wherein each information processing terminal further comprises an output section for displaying the received music data in the form of a score of the music composition, so that the input section can input

the composing data in the form of music symbols superposed on the displayed score of the music composition.

5 7. The system according to claim 1, wherein the information processing terminals include a child information processing terminal and a parent information processing terminal that has a higher capability of inputting the composing data than the capability of the child information processing terminal, thereby allowing the parent information processing terminal to precede the child information processing terminal in the creation of the music composition.

10 8. The system according to claim 7, wherein only the parent information processing terminal can instruct the control station to register the music composition while the child information processing terminal is allowed to download the music data of the registered music composition from the control station.

15 9. A method of composing music data representative of a music composition according to composing data representative of a material of the music composition in a network system comprised of a plurality of information processing terminals and a control station that mutually connects the plurality of
20 the information processing terminals through the control station, the method comprising the steps of:

25 exchanging messages among the plurality of the

information processing terminals to conduct a conversation as to creating of a music composition;

inputting the composing data from each information processing terminal while exchanging the messages with other information processing terminal; and

composing and editing the music data at the control station according to the composing data inputted by the plurality of the information processing terminals to thereby collaborate the plurality of the information processing terminals for creating the music composition.

10. A medium containing a program executable in a network system for composing music data representative of a music composition according to composing data representative of a material of the music composition, the network system comprising a plurality of information processing terminals and a control station that mutually connects the plurality of the information processing terminals through the control station, wherein the program is executed to cause the network system to perform a method comprising the steps of:

exchanging messages among the plurality of the information processing terminals to conduct a conversation as to creating of a music composition;

inputting the composing data from each information processing terminal while exchanging the messages with other information processing terminal; and

composing and editing the music data at the control

station according to the composing data inputted by the plurality of the information processing terminals to thereby collaborate the plurality of the information processing terminals for creating the music composition.

5

11. A server apparatus for composing music data representative of a music composition according to composing data, which represents a material of the music composition and which is transmitted from a plurality of client apparatuses, the server apparatus comprising:

a chat section that enables each client apparatus to exchange messages with other client apparatus;

a receiving section that receives the composing data which is inputted by each client apparatus while each client apparatus exchanges the messages with other client apparatus; and

a composing section that composes and edits the music data according to the composing data inputted by the plurality of the client apparatuses to thereby collaborate the plurality of the client apparatuses for creating the music composition.

20

25

12. The server apparatus according to claim 11, further comprising a control section that exclusively controls the inputting of the composing data among the plurality of the client apparatuses such that only one client apparatus is allowed to input the composing data at one time to avoid

conflict of the composing data among the client apparatuses.

13. The server apparatus according to claim 11, further comprising a public storage section for storing the music data such as to make the music data available publicly.

14. The server apparatus according to claim 11, further comprising a transmitting section that transmits back the edited music data to the plurality of the client apparatuses so that each client apparatus can collaborate with other client apparatus for creating the music composition by repetition of the transmitting of the composing data and the receiving of the music data.

15. The server apparatus according to claim 14, further comprising a downloading section that downloads a program to each client apparatus to install an interface by the downloaded program, thereby enabling each client apparatus to transmit the composing data and to receive the music data.

16. A method of composing music data representative of a music composition by a server apparatus according to composing data, which represents a material of the music composition and which is transmitted to the server apparatus from a plurality of client apparatuses, the method comprising the steps of:

enabling each client apparatus to exchange messages

with other client apparatus;

receiving the composing data which is inputted by
each client apparatus while each client apparatus exchanges
the messages with other client apparatus; and

5 composing and editing the music data according to
the composing data inputted by the plurality of the client
apparatuses to thereby collaborate the plurality of the
client apparatuses for creating the music composition.

10 17. A medium containing a program executable by a server
apparatus for composing music data representative of a music
composition according to composing data, which represents a
material of the music composition and which is transmitted to
the server apparatus from a plurality of client apparatuses,
15 wherein the program is executed to cause the server apparatus
to perform a method comprising the steps of:

enabling each client apparatus to exchange messages
with other client apparatus;

20 receiving the composing data which is inputted by
each client apparatus while each client apparatus exchanges
the messages with other client apparatus; and

25 composing and editing the music data according to
the composing data inputted by the plurality of the client
apparatuses to thereby collaborate the plurality of the
client apparatuses for creating the music composition.

18. A client apparatus for composing music data

representative of a music composition according to composing data representative of a material of the music composition in cooperation with other client apparatus and a server apparatus mutually connecting client apparatuses, the client apparatus comprising:

an exchanging section that exchanges messages with other client apparatus via the server apparatus;

an input section that inputs the composing data while exchanging the messages with other client apparatus; and

a transmitting section that transmits the inputted composing data to the server apparatus for enabling the server apparatus to compose and edit the music data according to the transmitted composing data to thereby collaborate the client apparatuses with each other for creating the music composition.

19. The client apparatus according to claim 18, further comprises a receiving section that receives the edited music data fed back from the server apparatus so that the client apparatus can collaborate with other client apparatus for creating the music composition by repetition of the transmitting of the composing data and the receiving of the music data.

20. The client apparatus according to claim 19, further comprising a downloading section that downloads a program

from the server apparatus so as to install an interface relative to the server apparatus by the downloaded program for transmitting the composing data and receiving the music data.

5

21. The client apparatus according to claim 19, further comprises an output section for displaying the received music data in the form of a score of the music composition, so that the input section can input the composing data in the form of music symbols superposed on the displayed score of the music composition.

22. The client apparatus according to claim 18, being designated to either of a child client apparatus and a parent client apparatus that has a higher capability of inputting the composing data than the capability of the child client apparatus, thereby allowing the parent client apparatus to precede the child client apparatus in the creation of the music composition.

20

23. The client apparatus according to claim 22, wherein only the parent client apparatus can instruct the server apparatus to register the music composition while the child client apparatus is allowed to download the music data of the registered music composition from the server apparatus.

25

24. A method of composing music data representative of a

music composition by a client apparatus in cooperation with other client apparatus and a server apparatus mutually connecting client apparatuses, according to composing data which represents a material of the music composition and which is transmitted to the server apparatus from a plurality of client apparatuses, the method comprising the steps of:

exchanging messages with other client apparatus via the server apparatus;

inputting the composing data while exchanging the messages with other client apparatus; and

transmitting the inputted composing data to the server apparatus for enabling the server apparatus to compose and edit the music data according to the transmitted composing data to thereby collaborate the client apparatuses with each other for creating the music composition.

25. A medium containing a program executable by a client apparatus for composing music data representative of a music composition in cooperation with other client apparatus and a server apparatus mutually connecting client apparatuses, according to composing data which represents a material of the music composition and which is transmitted to the server apparatus from client apparatuses, wherein the program is executed by each client apparatus to perform a method comprising the steps of:

exchanging messages with other client apparatus via the server apparatus;

inputting the composing data while exchanging the
messages with other client apparatus; and

transmitting the inputted composing data to the
server apparatus for enabling the server apparatus to compose
and edit the music data according to the transmitted
composing data to thereby collaborate the client apparatuses
with each other for creating the music composition.

Copyright © 2004 by International Music Center